

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
 Data File : PL086924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 14:31
 Operator : AR\AJ
 Sample : 05590-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SH-SOIL-AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 21:30:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.342	2.610	71571494	20027912	22.386	22.021
28)	SA Decachlor...	8.841	7.758	58646839	23764027	21.968	21.553
Target Compounds							
2)	A alpha-BHC	3.797	3.108	260.9E6	71467157	56.347	56.276
3)	MA gamma-BHC...	4.128	3.435	247.2E6	68040959	56.497	55.687
4)	MA Heptachlor	4.714	3.770	250.4E6	72405905	63.090	62.010
5)	MB Aldrin	5.054	4.046	236.5E6	69047507	56.045	56.571
6)	B beta-BHC	4.332	3.738	113.1E6	30023459	60.440	56.746
7)	B delta-BHC	4.574	3.962	233.4E6	65375134	54.982	55.982
8)	B Heptachlo...	5.485	4.551	208.9E6	64303016	58.978	56.486
9)	A Endosulfan I	5.869	4.919	200.1E6	62429480	55.551	48.936
10)	B gamma-Chl...	5.743	4.803	215.8E6	65028545	57.399	56.729
11)	B alpha-Chl...	5.822	4.867	213.9E6	66108002	56.831	49.713
12)	B 4,4'-DDE	6.006	5.067	183.5E6	55915554	60.705	60.905
13)	MA Dieldrin	6.146	5.185	202.7E6	62058928	58.375	57.948
14)	MA Endrin	6.374	5.459	171.8E6	55952687	66.661	66.388
15)	B Endosulfa...	6.597	5.757	156.1E6	53321899	54.711	57.425
16)	A 4,4'-DDD	6.525	5.623	142.9E6	45429377	61.020	58.822
17)	MA 4,4'-DDT	6.839	5.873	158.6E6	51471410	61.793	63.823
18)	B Endrin al...	6.728	5.938	125.1E6	42963100	58.663m	61.497
19)	B Endosulfa...	6.965	6.163	163.7E6	57535944	57.321	60.639
20)	A Methoxychlor	7.326	6.457	78857558	30310652	59.719	58.888
21)	B Endrin ke...	7.447	6.664	168.7E6	64144108	56.440	56.193
22)	Mirex	7.919	6.840	137.1E6	54059219	53.612	52.087

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
Data File : PL086924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2023 14:31
Operator : AR\AJ
Sample : 05590-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SH-SOIL-AMS

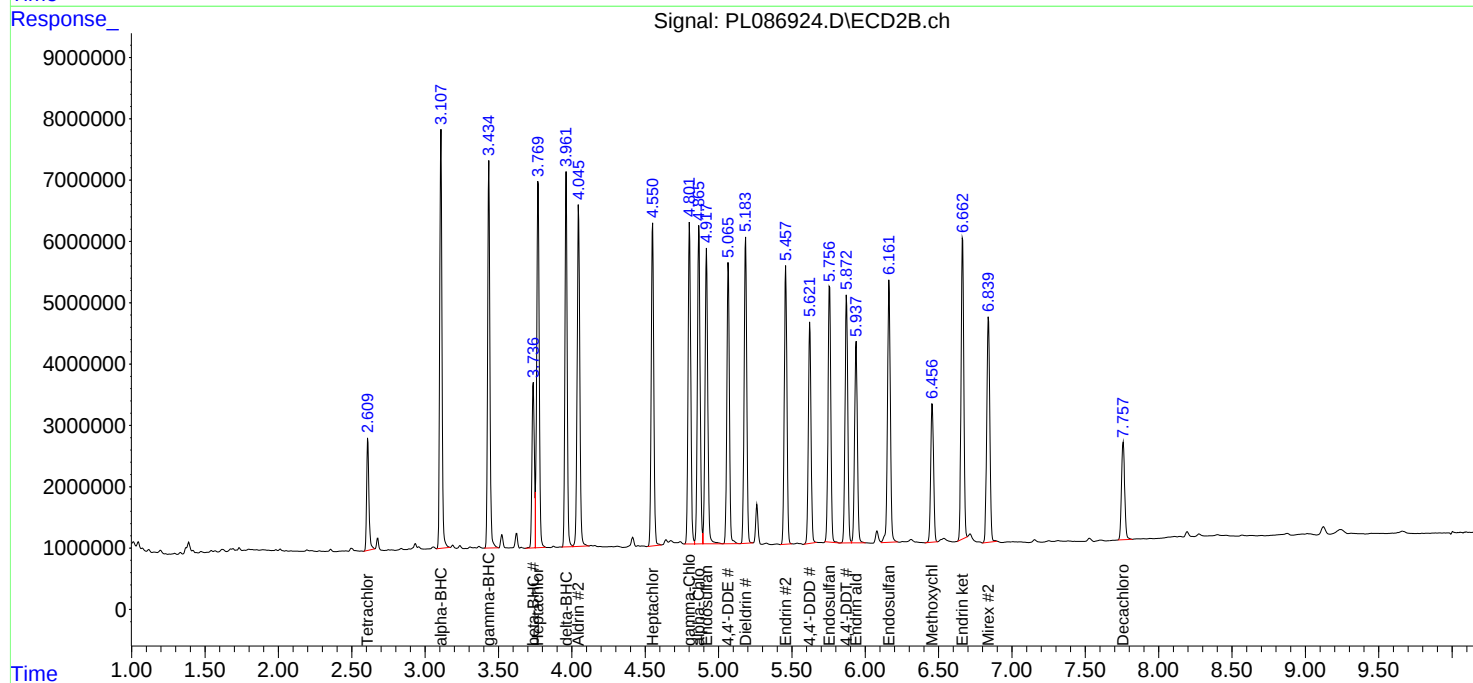
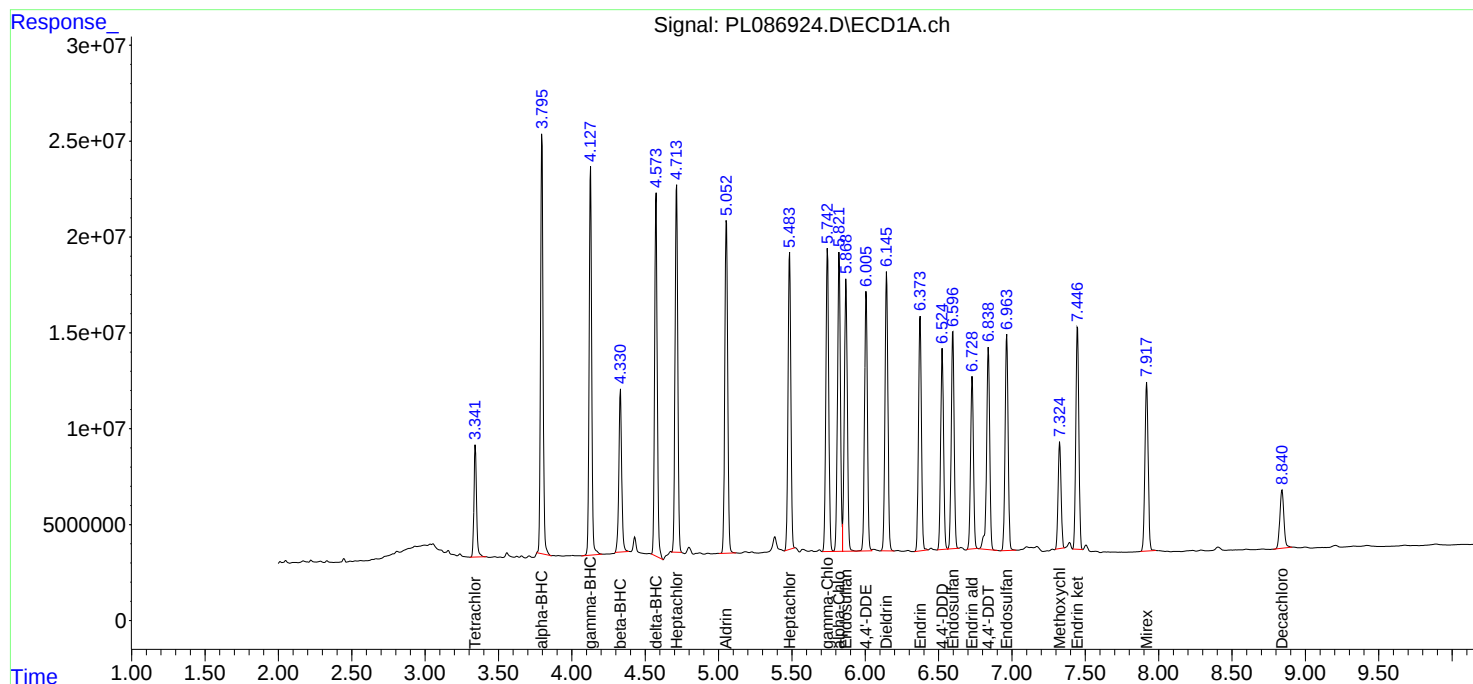
Manual Integrations

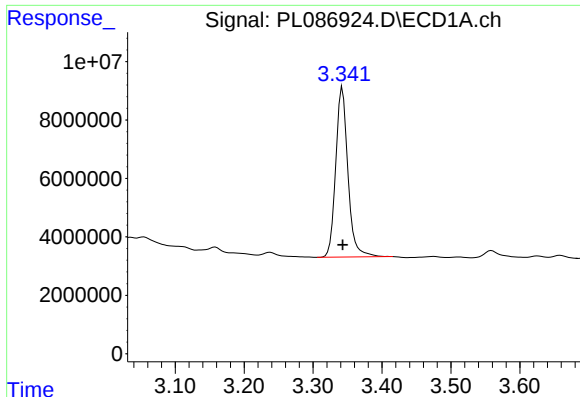
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 21:30:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





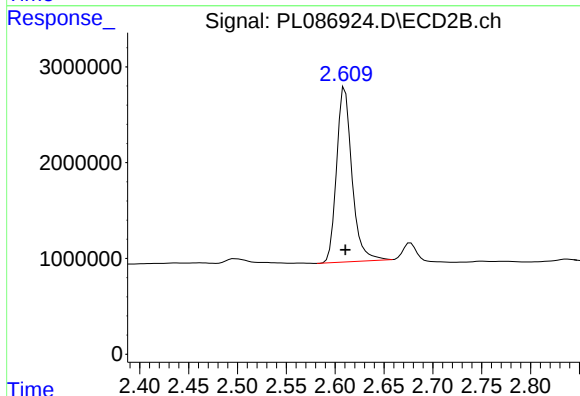
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 71571494
Conc: 22.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

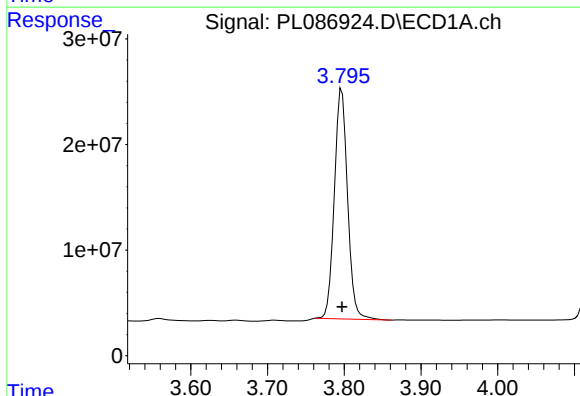
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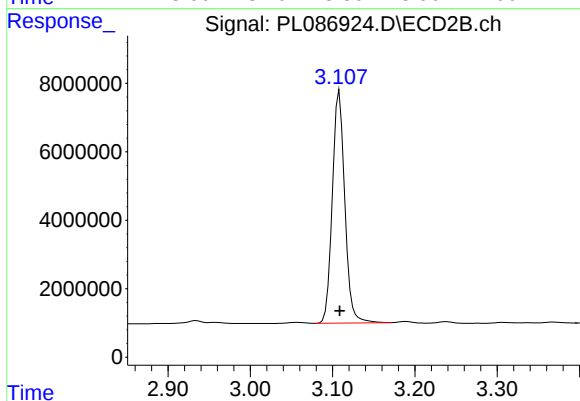
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 20027912
Conc: 22.02 ng/ml



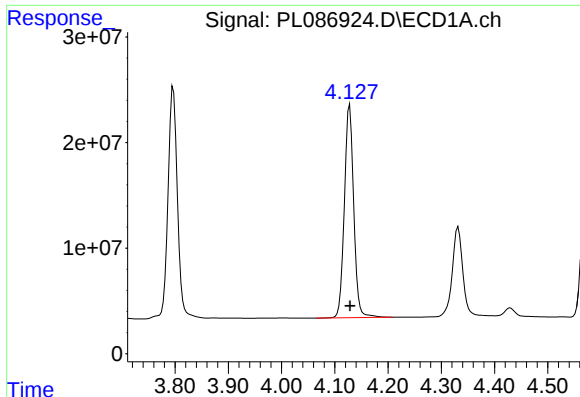
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 260892905
Conc: 56.35 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 71467157
Conc: 56.28 ng/ml



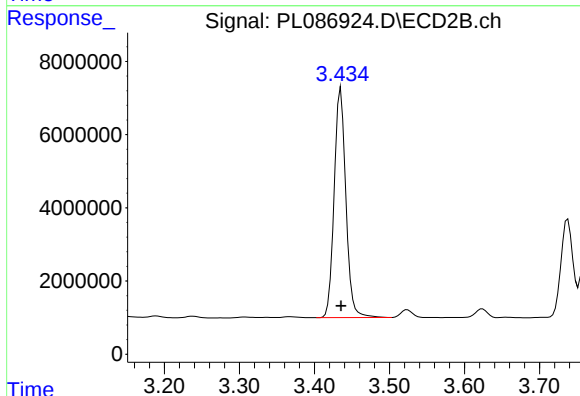
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 247165691
Conc: 56.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

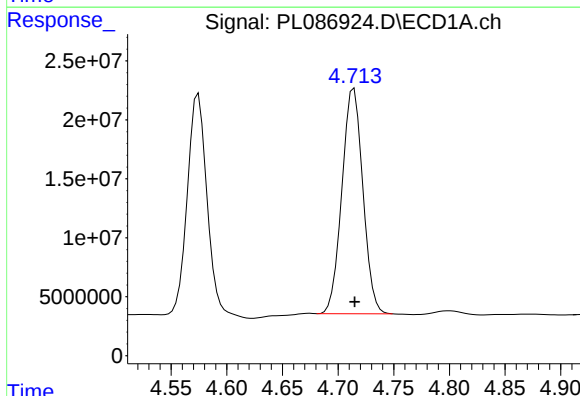
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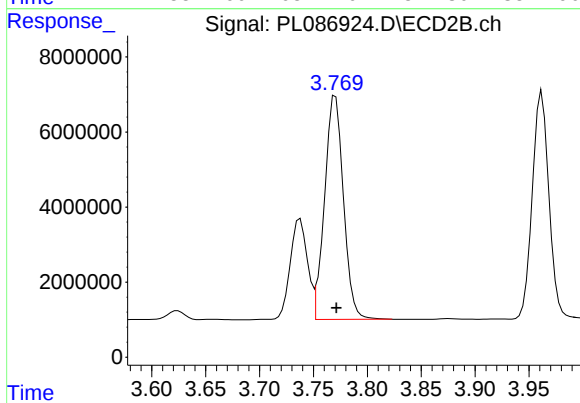
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 68040959
Conc: 55.69 ng/ml



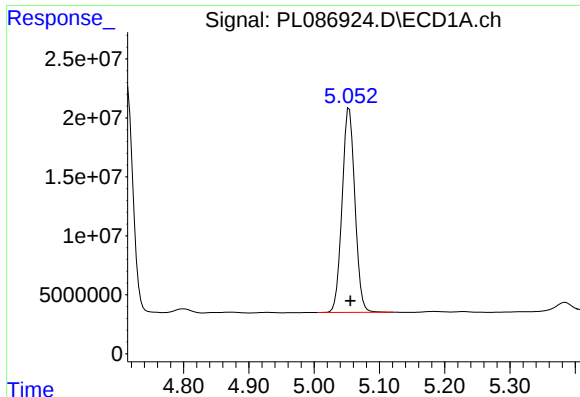
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 250389577
Conc: 63.09 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 72405905
Conc: 62.01 ng/ml



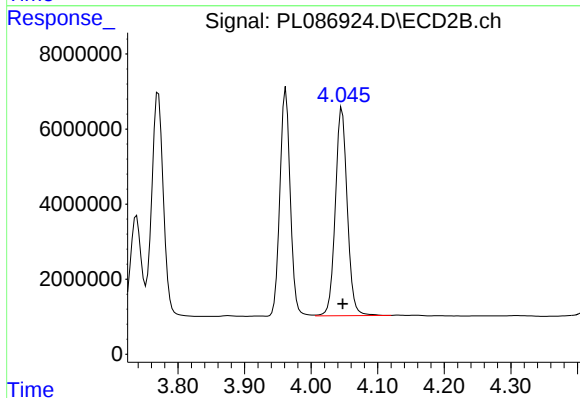
#5 Aldrin

R.T.: 5.054 min
Delta R.T.: -0.002 min
Response: 236518840
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

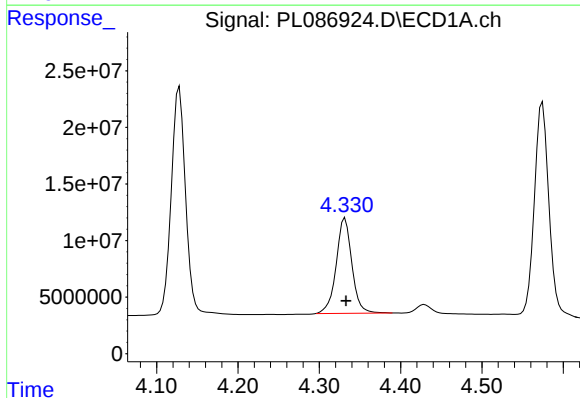
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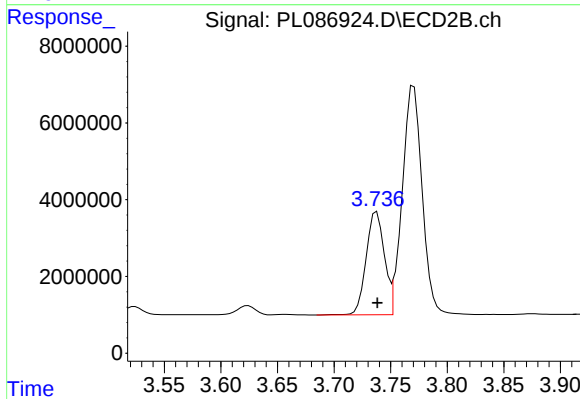
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 69047507
Conc: 56.57 ng/ml



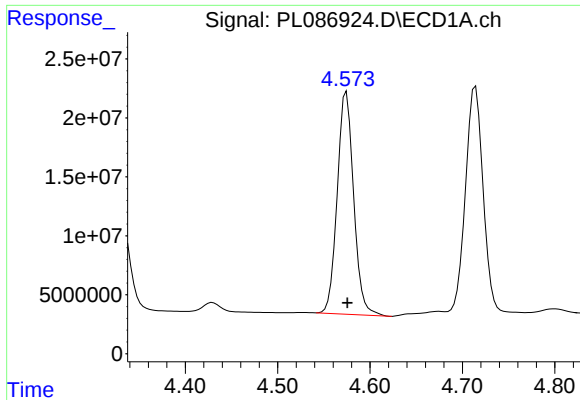
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 113063077
Conc: 60.44 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 30023459
Conc: 56.75 ng/ml



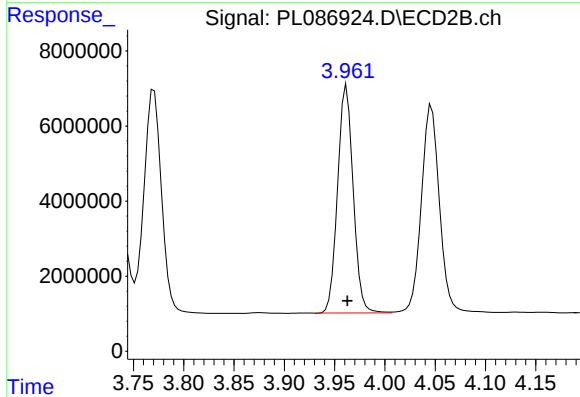
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 233407604
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

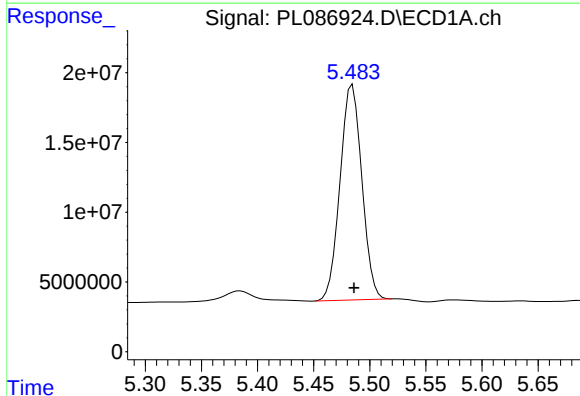
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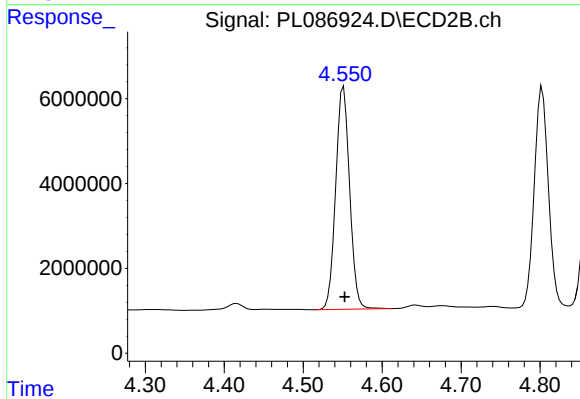
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 65375134
Conc: 55.98 ng/ml



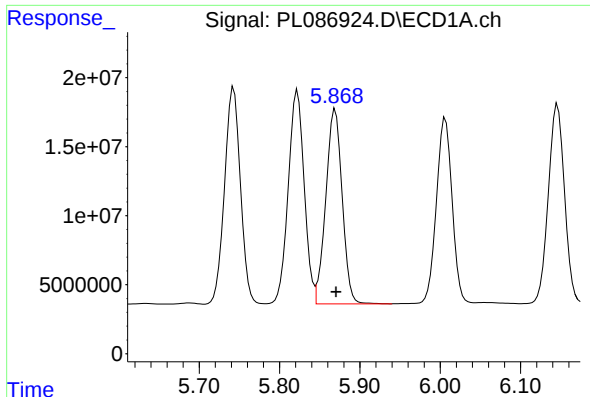
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 208918401
Conc: 58.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 64303016
Conc: 56.49 ng/ml



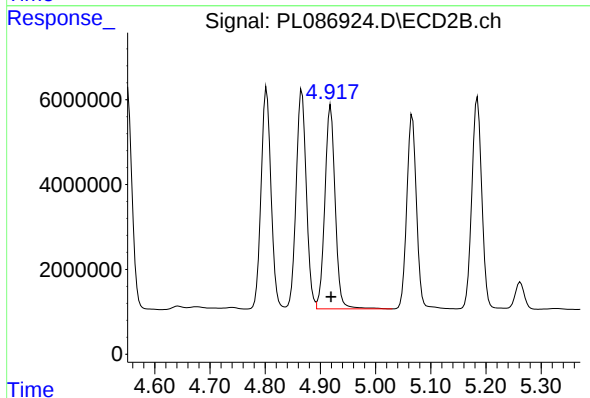
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 200143621
Conc: 55.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

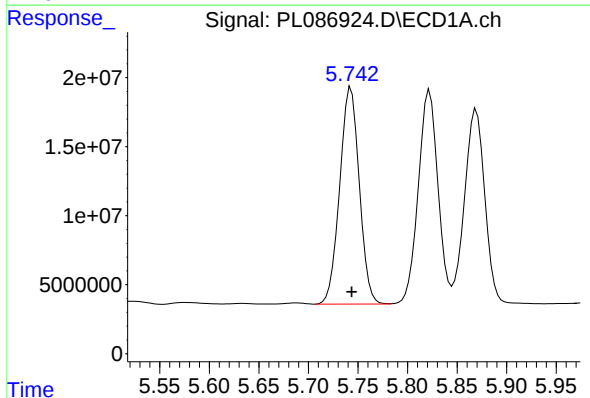
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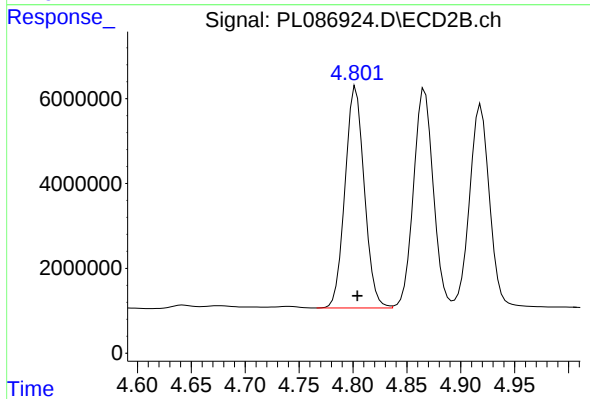
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 62429480
Conc: 48.94 ng/ml



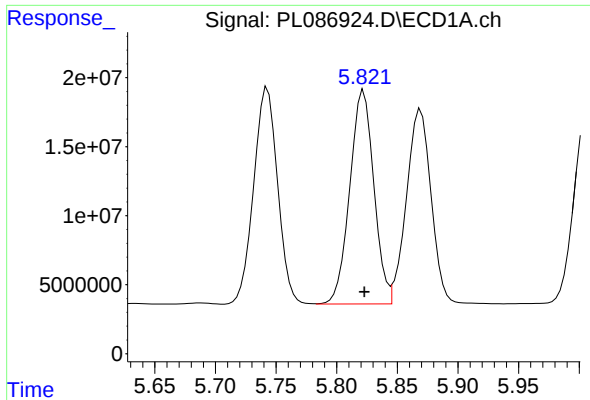
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 215811424
Conc: 57.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: -0.002 min
Response: 65028545
Conc: 56.73 ng/ml



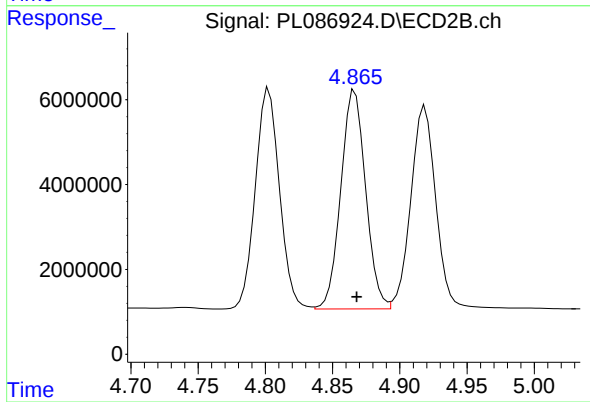
#11 alpha-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 213941688
Conc: 56.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

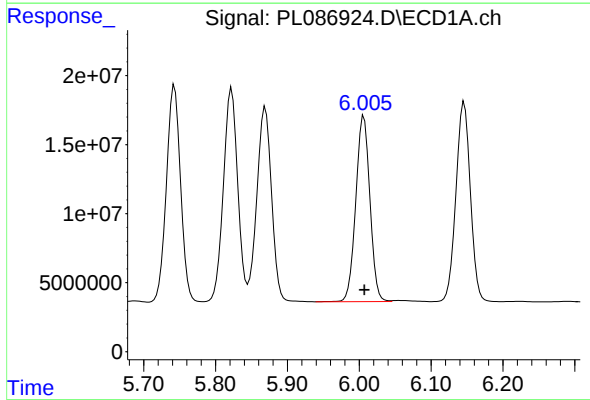
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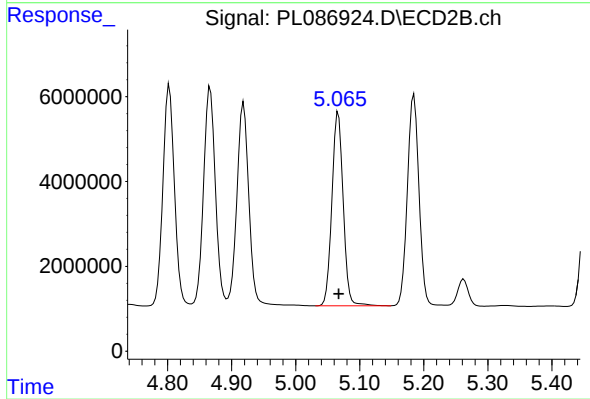
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 66108002
Conc: 49.71 ng/ml



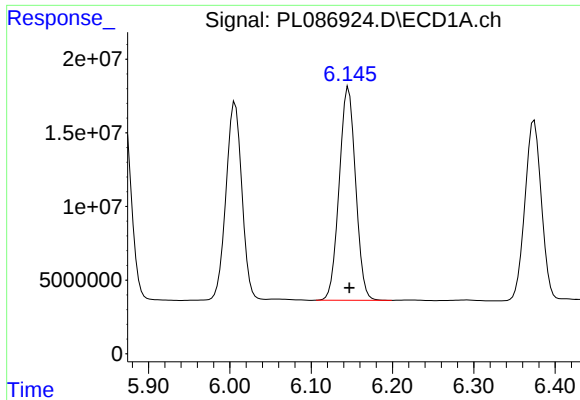
#12 4,4'-DDE

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 183533851
Conc: 60.70 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 55915554
Conc: 60.91 ng/ml



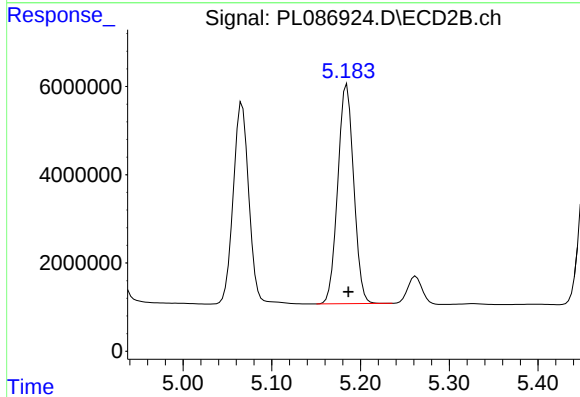
#13 Dieldrin

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 202659283
Conc: 58.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

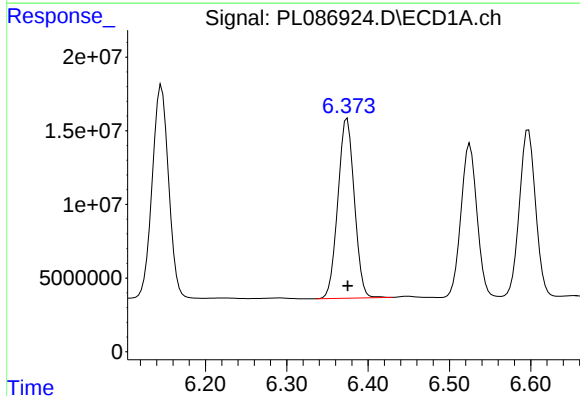
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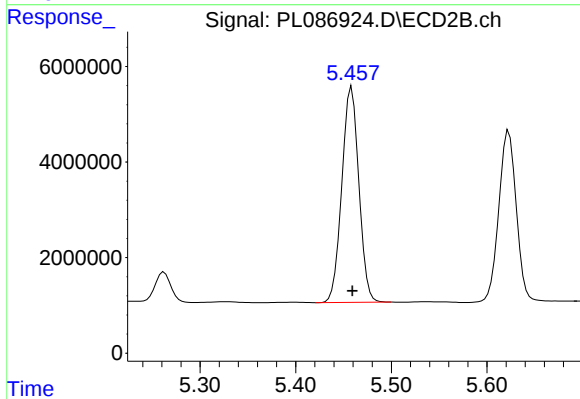
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 62058928
Conc: 57.95 ng/ml



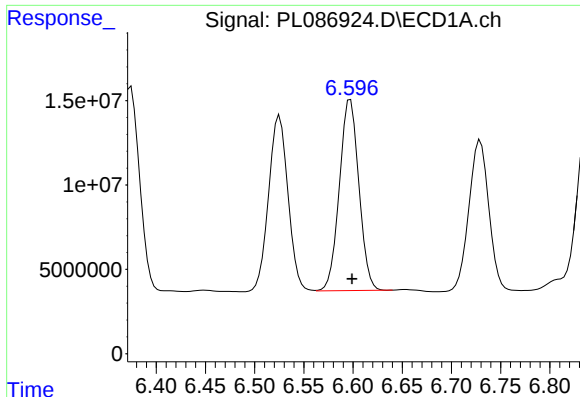
#14 Endrin

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 171828410
Conc: 66.66 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 55952687
Conc: 66.39 ng/ml



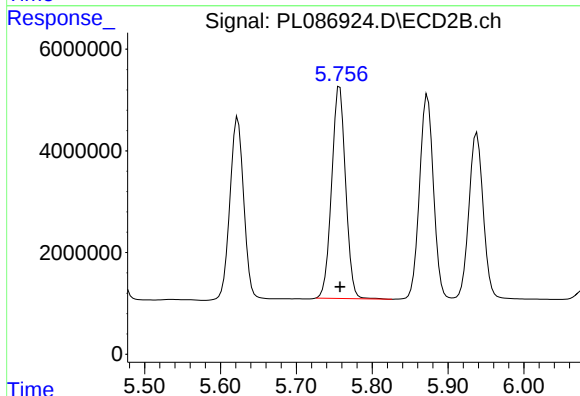
#15 Endosulfan II

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 156123538
Conc: 54.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

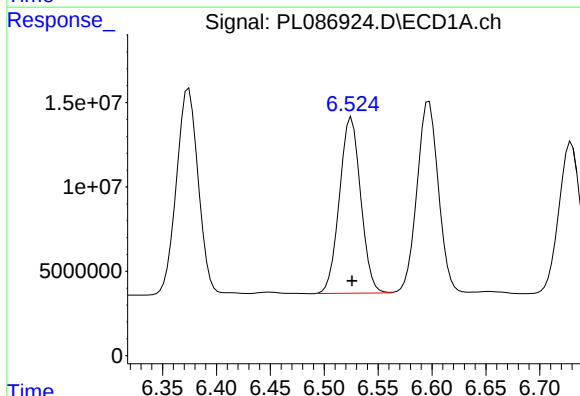
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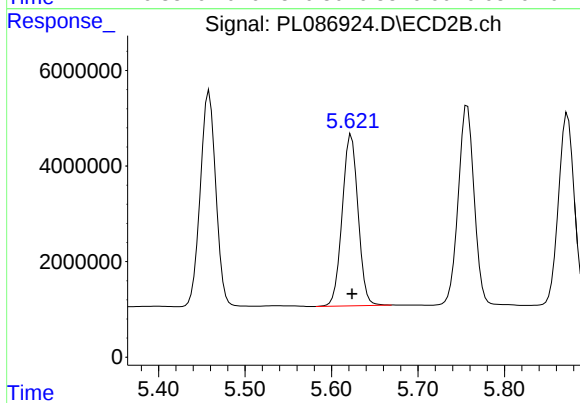
#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 53321899
Conc: 57.43 ng/ml



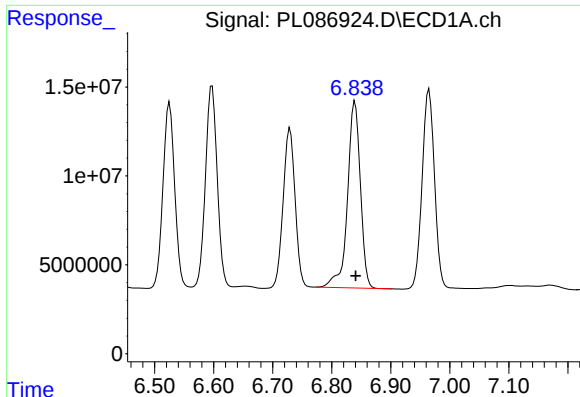
#16 4,4'-DDD

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 142883953
Conc: 61.02 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 45429377
Conc: 58.82 ng/ml



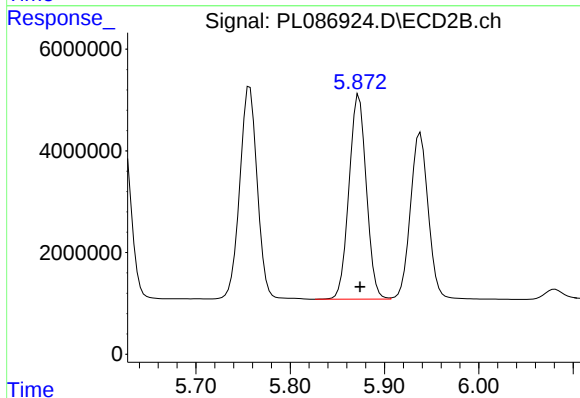
#17 4,4'-DDT

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 158601938
Conc: 61.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

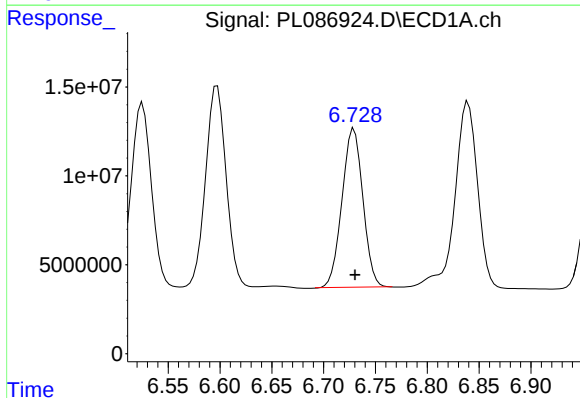
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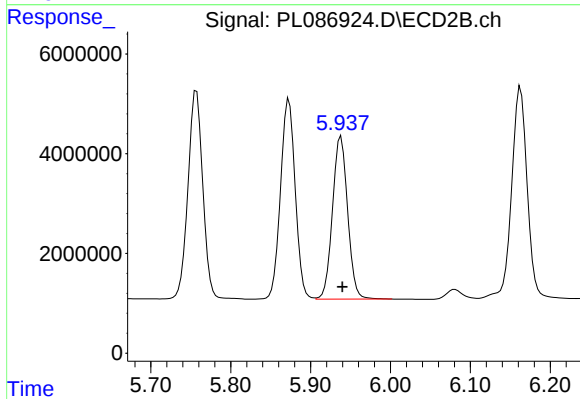
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 51471410
Conc: 63.82 ng/ml



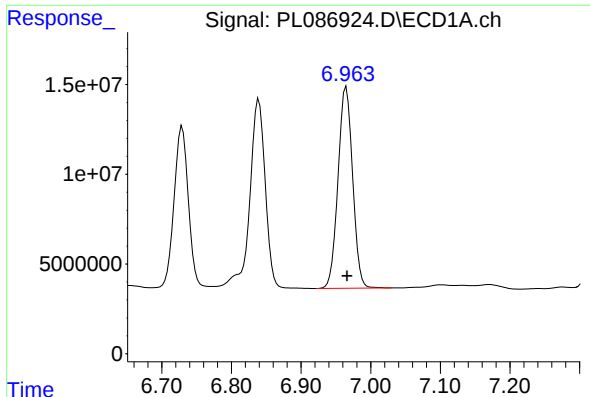
#18 Endrin aldehyde

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 125139269
Conc: 58.66 ng/ml m



#18 Endrin aldehyde

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 42963100
Conc: 61.50 ng/ml



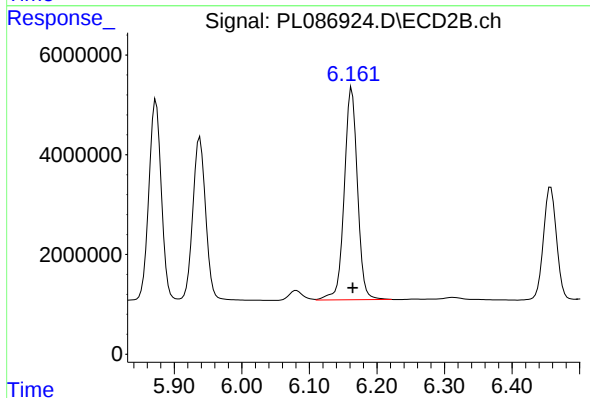
#19 Endosulfan Sulfate

R.T.: 6.965 min
Delta R.T.: -0.001 min
Response: 163694505
Conc: 57.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

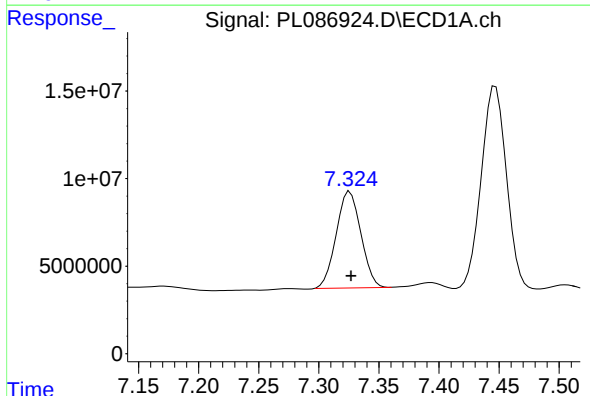
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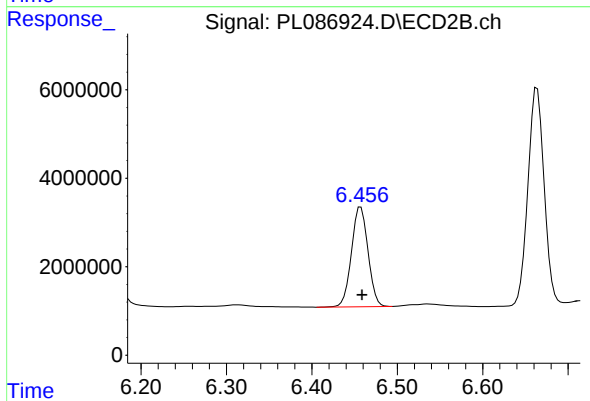
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 57535944
Conc: 60.64 ng/ml



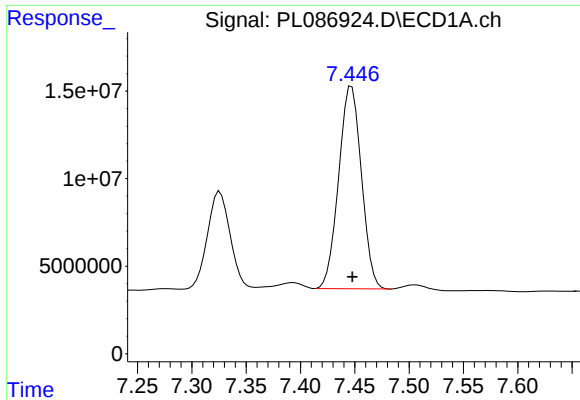
#20 Methoxychlor

R.T.: 7.326 min
Delta R.T.: -0.001 min
Response: 78857558
Conc: 59.72 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 30310652
Conc: 58.89 ng/ml



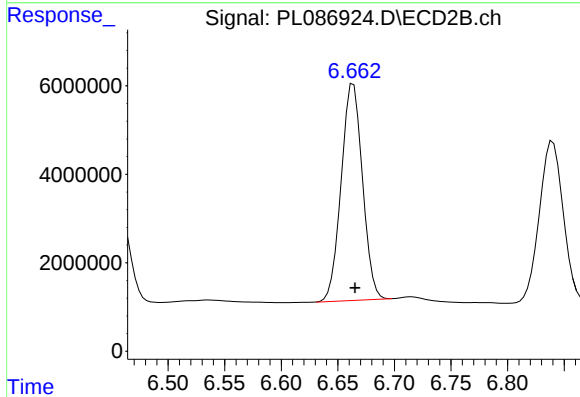
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 168737699
Conc: 56.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

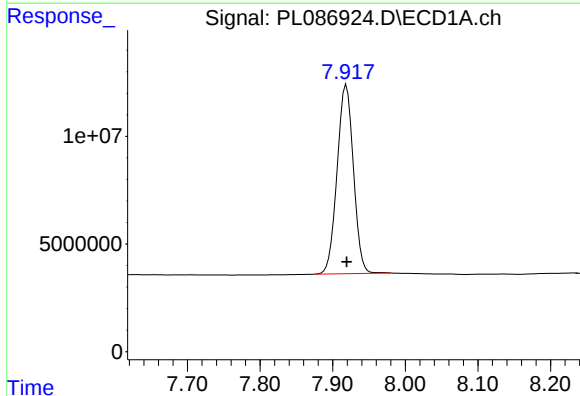
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :Ankita Jodhani 12/04/2023



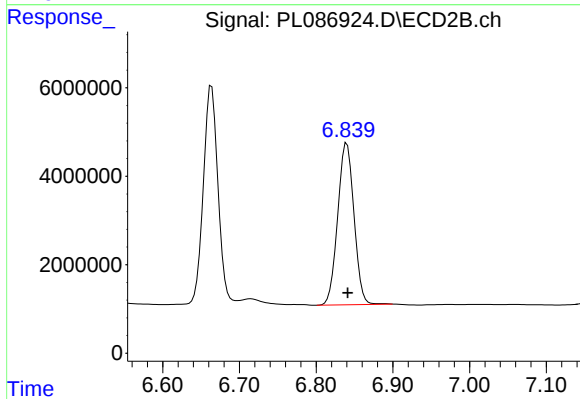
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 64144108
Conc: 56.19 ng/ml



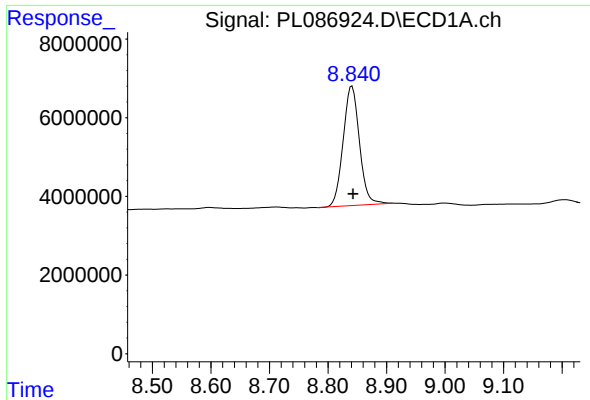
#22 Mirex

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 137122783
Conc: 53.61 ng/ml



#22 Mirex

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 54059219
Conc: 52.09 ng/ml



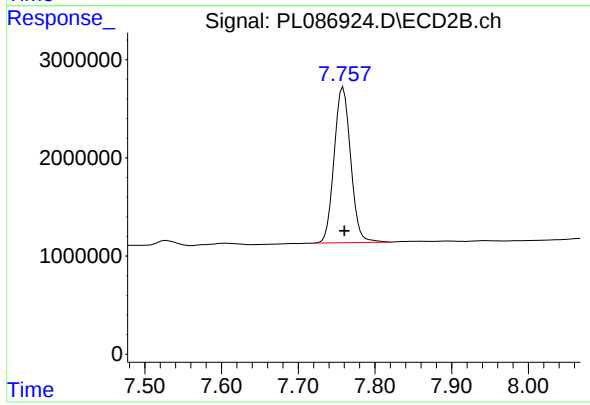
#28 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.002 min
Response: 58646839
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :Ankita Jodhani 12/04/2023



#28 Decachlorobiphenyl

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 23764027
Conc: 21.55 ng/ml